

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attorney Docket No. 8074-1045 U.S. Application No. 107537295
INTERNATIONAL APPLN. NO. PCT/JP03/15416	INTERNATIONAL FILING DATE December 2, 2003	PRIORITY DATE CLAIMED December 2, 2002
TITLE OF INVENTION: LIQUID SWITCH, AND MICROCHIP AND MASS SPECTROMETRY SYSTEM USING THEREOF		
APPLICANT(S) FOR DO/EO/US: Kazuhiro IIDA, Masakazu BABA, Hisao KAWAURA, Toru SANO, Noriyuki IGUCHI, Hiroko SOMEYA, Wataru HATTORI and Minoru ASOGAWA		
Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). First 2 Pages Only b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</p> <p>10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv).))</p> <p>11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input type="checkbox"/> Copy of IDS citations.</p> <p>13. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)).</p> <p>14. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</p> <p>16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard</p> <p>17. <input type="checkbox"/> A substitute specification.</p> <p>18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b) a. <input type="checkbox"/> Newly executed Power of Attorney b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</p> <p>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</p> <p>22. <input checked="" type="checkbox"/> Other items or information: <u>International Search Report (PCT/ISA/210), Abstract of the Disclosure</u></p> <hr/>		

U.S. APPLICATION NO. 107537293	INTERNATIONAL APPLN. NO. PCT/JP03/15416	ATTORNEY DOCKET NO. 8074-1045		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		CALCULATIONS PTO USE ONLY		
<input checked="" type="checkbox"/> The following fees are submitted:				
PCT FEES - NATIONAL STAGE				
<u>Fee Description</u>				
Basic National Stage Fee		\$300.00		
Non ISA/US Search Provided National Stage Search Fee		\$400.00		
<input type="checkbox"/> US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4) National Stage Examination Fee		\$200.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)		\$0.00		
National Stage Application size fee each additional 50 sheets in excess of 100 Fee Code 1681/2681	Additional Sheets - 100 = _____ = _____ X 50	Fee From Below <u>\$125.00</u> \$0.00		
CLAIMS		NUMBER FILED 4 - 3 = 1	NUMBER EXTRA 8	RATE x \$200.00 \$200.00
Total Claims Fee Codes 1615 / 2615	28 - 20 =	8	x \$50.00	\$400.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616			+ \$360.00	\$0.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).Fee Code 1618				\$0.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property		+	\$40.00	
TOTAL FEES ENCLOSED		=	\$1,540.00	
			Amount to be refunded: Charged:	\$ \$
<input checked="" type="checkbox"/> A check in the amount of \$1,540.00 to cover the above fees is attached. <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.				
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 rd Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573		 SIGNATURE Benoit Castel, Reg. No. 35,041 NAME, REGISTRATION NUMBER		
Y&T Customer No. 00466 BC/ia		June 2, 2005 DATE		